

## EAST Search History

| Ref # | Hits  | Search Query                                      | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---------------------------|------------------|---------|---------------------|
| S1    | 54    | ((OSAMU) near2 (AOKI)).INV.                       | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/09<br>13:44 |
| S2    | 17    | ((KAZUHIKO) near2 (SHINOHARA)).INV.               | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/09<br>13:44 |
| S4    | 11169 | (nissan near2 motor).as.                          | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/09<br>13:45 |
| S5    | 260   | S4 and 429/20-50.ccls.                            | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/09<br>13:46 |
| S6    | 4     | JP-2001076747-\$.DID. OR<br>JP-2000123850-\$.DID. | EPO; JPO;<br>DERWENT      | ADJ              | ON      | 2008/05/09<br>13:48 |
| S7    | 54    | ((OSAMU) near2 (AOKI)).INV.                       | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/12<br>06:40 |
| S8    | 17    | ((KAZUHIKO) near2 (SHINOHARA)).INV.               | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/12<br>06:40 |
| S9    | 53    | S7 not S8   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/12<br>06:40 |
| S10   | 24    | (gas diffusion layer) same<br>transmission        | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/12<br>07:20 |
| S11   | 3     | S10 and<br>@pd< "20020710"                        | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/12<br>07:22 |
| S12   | 12    | S10 and<br>@ad< "20030609"                        | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/12<br>07:22 |
| S13   | 524   | diffusion and layer and<br>width and length       | EPO; JPO;<br>DERWENT      | ADJ              | ON      | 2008/05/12<br>10:20 |
| S14   | 15    | S13 and fuel cell                                 | EPO; JPO;<br>DERWENT      | ADJ              | ON      | 2008/05/12<br>10:20 |
| S15   | 6     | S14 and<br>@ad< "20030609"                        | EPO; JPO;<br>DERWENT      | ADJ              | ON      | 2008/05/12<br>10:22 |
| S16   | 4     | S14 and<br>@pd< "20030609"                        | EPO; JPO;<br>DERWENT      | ADJ              | ON      | 2008/05/12<br>10:22 |
| S17   | 1     | "7125620".pn.                                     | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/12<br>10:33 |

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|-----|-----|--|---------------------------|-----|----|---------------------|
| S18 | 27  | ("20020106549"  <br>"4248682"   "4420544"  <br>"4469562"   "4612261"  <br>"4828941"   "4865925"  <br>"5082472"   "5085950"  <br>"5176966"   "5525436"  <br>"5547551"   "5573866"  <br>"5599638"   "5656389"  <br>"5773162"   "5795496"  <br>"5919583"   "5945231"  <br>"5992008"   "6015610"  <br>"6130175"   "6355149"  <br>"6456136"   "6465136"  <br>"6492044"   "6541159").<br>PN. | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>10:34 |
| S19 | 12  | ("4101718"   "4666798").<br>PN. OR ("5085950").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>10:38 |
| S20 | 39  | (gas diffusion layer).ti.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>11:19 |
| S21 | 950 | diffusion with layer with<br>strip   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>12:07 |
| S22 | 237 | S21 and diffusion layer  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>12:07 |
| S23 | 30  | S22 and "429".clas.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>12:07 |
| S24 | 14  | S23 and<br>@ad< "20030609"   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>12:09 |
| S25 | 4   | ("20030180598"  <br>"20050037253"  <br>"6379476"   "6541147").<br>PN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>12:12 |
| S26 | 18  | (xie near2 gang).inv. and<br>fuel cell   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/12<br>12:38 |
| S27 | 12  | S26 and diffusion and<br>layer   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/12<br>12:39 |
| S28 | 3   | S27 and<br>@ad< "20030609"   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/12<br>12:39 |
| S29 | 1   | "6280870".pn.  | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/12<br>12:47 |
| S30 | 11  | ("5252410"   "5264299"  <br>"5292600"   "5300370"  <br>"5523175"   "5534362"  <br>"5736269"   "5840414"  <br>"5853909"   "6015633"  <br>"6127058").PN.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>12:49 |
| S31 | 14  | ("6280870").URPN.  | USPAT                     | ADJ | ON | 2008/05/12<br>12:51 |

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| S32 | 144 | ("20010031389"  <br>"20020068208"  <br>"2008800"   "3432357"  <br>"3615862"   "3616841"  <br>"3617385"   "3772086"  <br>"3960601"   "4044193"  <br>"4058482"   "4125676"  <br>"4131721"   "4168351"  <br>"4175165"   "4192907"  <br>"4356240"   "4365007"  <br>"4372759"   "4390446"  <br>"4396480"   "4413041"  <br>"4458411"   "4463065"  <br>"4496437"   "4525440"  <br>"4529677"   "4556613"  <br>"4735872"   "4769297"  <br>"4800138"   "4818741"  <br>"4876115"   "4910099"  <br>"4910106"   "4925749"  <br>"4973358"   "4973532"  <br>"4988583"   "5008163"  <br>"5013618"   "5068161"  <br>"5071717"   "5079105"  <br>"5108849"   "5110692"  <br>"5139896"   "5242764"  <br>"5264299"   "5316747"  <br>"5318863"   "5344724"  <br>"5360679"   "5364712"  <br>"5366819"   "5366821"  <br>"5418079"   "5432021"  <br>"5434020"   "5441819"  <br>"5441821"   "5482680"  <br>"5482792"   "5503944"  <br>"5518831"   "5521018"  <br>"5527363"   "5547776"  <br>"5565072"   "5578388"  <br>"5589285"   "5599638"  <br>"5604057"   "5607770"  <br>"5624769"   "5660941"  <br>"5674644"   "5683828"  <br>"5707755"   "5763114"  <br>"5773162"   "5776624"  <br>"5776625"   "5827495"  <br>"5848351"   "5853910"  <br>"5858567"   "5863671"  <br>"5879826"   "6007932"  <br>"6017650"   "6020083"  <br>"6022634"   "6033804"  <br>"6037076"   "6051117"  <br>"6051331"   "6074692"  <br>"6096448"   "6096449"  <br>"6096450"   "6099984"  <br>"6103077"   "6106964"  <br>"6110333"   "6124053"  <br>"6127056"   "6140266"  <br>"6146780"   "6146781" | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>12:52 |
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|     |     | "6150056"   "6165633"  <br>"6197445"   "6203940"  <br>"6207308"   "6207309"  <br>"6210820"   "6210826"  <br>"6210827"   "6218035"  <br>"6232008"   "6232010"  <br>"6238817"   "6242118").<br>PN. OR ("6248462"  <br>"6265093"   "6268076"  <br>"6277508"   "6280870"  <br>"6284399"   "6303244"  <br>"6316134"   "6331366"  <br>"6372376"   "6387556"  <br>"6387557"   "6399234"  <br>"6403249"   "6410180"  <br>"6413664"   "H000016"  <br>"RE33149").PN. |                           |     |    |                     |
| S33 | 50  | ("2924634"   "2997518"  <br>"3810789"   "3871922"  <br>"3922334"   "4024226"  <br>"4038463").PN. OR<br>("4125676").URPN.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/12<br>13:04 |
| S36 | 628 | (diffusion with (strip))<br>same (inlet or outlet or<br>flow or (flow field) or<br>channel or manifold)  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/13<br>08:42 |
| S37 | 356 | (diffusion with (strip))<br>same ((flow field) or<br>channel or manifold)  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/13<br>08:42 |
| S38 | 20  | (diffusion with (strip))<br>same ((flow field) or<br>manifold)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/13<br>08:43 |
| S39 | 6   | S38 and<br>@ad<"20030609"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/13<br>08:44 |
| S40 | 28  | fuel cell and (diffusion<br>layer) with perpendic\$6<br>and (inlet and outlet)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:29 |
| S41 | 7   | S40 and<br>@ad<"20030609"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:29 |
| S42 | 6   | ("5641586"   "5691075"  <br>"5840438"   "6048633"  <br>"6179844"   "6207312").<br>PN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:32 |
| S43 | 2   | fuel cell and (diffusion<br>layer) same fiber with<br>perpendic\$6 and (inlet<br>and outlet)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:36 |
| S45 | 2   | (diffusion layer) same<br>fiber with perpendic\$6<br>and (inlet and outlet)  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:39 |

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| S47 | 5   | fuel cell and (diffusion layer) same fiber with perpendic\$6                 | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:40 |
| S48 | 9   | fuel cell and diffusion same layer same fiber with perpendic\$6              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:42 |
| S49 | 1   | "20040137311".pn.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:49 |
| S50 | 5   | fuel cell and diffusion same layer same fiber with perpendic\$6 with surface | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/17<br>13:51 |
| S54 | 10  | fuel cell and diffusion layer and fiber and perpendic\$6                     | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/17<br>13:56 |
| S57 | 127 | diffusion same layer same inlet same outlet                                  | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/20<br>10:29 |
| S58 | 93  | S57 and @ad< "20030609"  | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/20<br>10:30 |
| S59 | 82  | (xie).in. and fuel cell  | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/20<br>10:32 |
| S60 | 24  | S59 and @ad< "20030609"  | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/20<br>10:32 |
| S61 | 5   | S60 and diffusion  | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/20<br>10:34 |

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